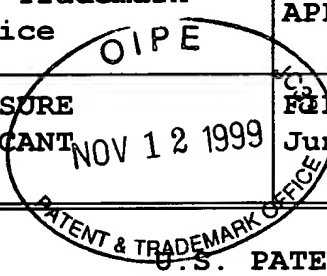


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	APPLICANT: Osborne and Ramesh	
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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

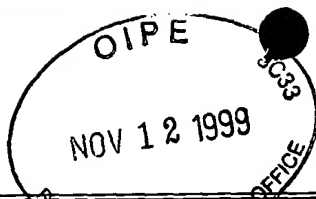
EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>R</i>	Ali et al., "Preventing gastroepiploic artery spasm: Papaverine vs calcium channel blockade," <u>J. Surgical Research</u> , 71:41-48 (1997).
<i> </i>	Becker et al., "Use of recombinant adenovirus for metabolic engineering of mammalian cells," <u>Methods in Cell Biol.</u> , 43:161-189 (1994).
<i> </i>	Dale et al., "A randomized controlled phase III trial of recombinant human granulocyte colony-stimulating factor (filgrastim) for treatment of severe chronic neutropenia," <u>Blood</u> , 81:2496-2502 (1993).
<i> </i>	Daniels et al., "Glucose regulation of transforming growth factor α expression is mediated by products of the hexosamine biosynthesis pathway," <u>Mol. Endocrinol.</u> , 7:1041-1048 (1993).
<i> </i>	Efrat, Shimon, "Genetic engineering of β -cells for cell therapy of diabetes: cell growth, function, and immunogenicity," <u>Diabetes Reviews</u> , 4:224-234 (1996).

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>2/26/01</i>
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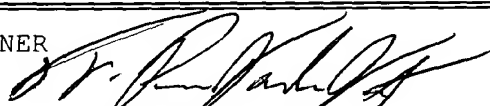
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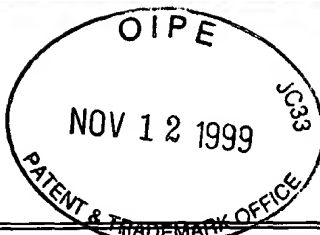
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Form PTO 1449 & 1450 U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-UW 3570	SERIAL NO. 09/323,738
	APPLICANT: Osborne and Ramesh	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: June 1, 1999	GROUP: 1646 1644

B	Geary et al., "Gene transfer in baboons using prosthetic vascular grafts seeded with retrovirally transduced smooth muscle cells: A model for local and systemic gene therapy," <u>Human Gene Therapy</u> , 5:1211-1216 (1994).
	Gros et al., "Regulated production of mature insulin by non- β -cells," <u>Human Gene Therapy</u> , 8:2249-2259 (1997).
	Groskreutz et al., "Genetically engineered proinsulin constitutively processed and secreted as mature, active insulin," <u>J. Biol. Chem.</u> , 269:6241-6245 (1994).
	Hock et al., "Expression of human adenosine deaminase from various strong promoters after gene transfer into human hematopoietic cell lines," <u>Blood</u> , 74:876-881 (1989).
	Hosaka et al., "Arg-X-Lys/Arg-Arg motif as a signal for precursor cleavage catalyzed by furin within the constitutive secretory pathway," <u>J. Biol. Chem.</u> , 266:12127-12130 (1991).
	Kawakami et al., "Subcutaneous xenotransplantation of hybrid artificial pancreas encapsulating pancreatic B cell line (MIN6): Functional and histological study," <u>Cell Transplant.</u> , 6:541-545 (1997).
	Kolodka et al., "Gene therapy for diabetes mellitus in rats by hepatic expression of insulin," <u>Proc. Natl. Acad. Sci. USA</u> , 92:3293-3297 (1995).
	Lejnieks et al., "Granulocyte colony-stimulating factor expression from transduced vascular smooth muscle cells provides sustained neutrophil increases in rats," <u>Hum. Gene Ther.</u> , 7:1431-1436 (1996).
	McClain and Crook, "Hexosamines and insulin resistance," <u>Diabetes</u> , 45:1003-1009 (1996).

EXAMINER 	DATE CONSIDERED 2/26/01
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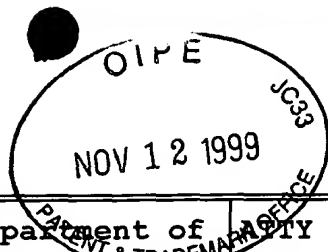
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	APPLICANT: Osborne and Ramesh	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: June 1, 1999	GROUP: 1646 1644

B	Sayeski et al., "The murine glutamine:fructose-6-phosphate amidotransferase-encoding cDNA sequence," <u>Gene</u> , 140:289-290 (1994).
	Scharp et al., "Protection of encapsulated human islets implanted without immunosuppression in patients with Type I or Type II diabetes and in nondiabetic control subjects," <u>Diabetes</u> , 43:1167-1170 (1994).
	Schupp and Rhodes, "Specific co-ordinated regulation of PC3 and PC2 gene expression with that of preproinsulin in insulin-producing β TC3 cells," <u>Biochem. J.</u> , 313:259-268 (1996).
	Smeekens et al., "Proinsulin processing by the subtilisin-related proprotein convertases furin, PC2, and PC3," <u>Proc. Natl. Acad. Sci. USA</u> , 89:8822-8826 (1992).
	Stockschlaeder et al., "L-Histidinol provides effective selection of retrovirus-vector-transduced keratinocytes without impairing their proliferative potential," <u>Hum. Gene Ther.</u> , 2:33-39 (1991).
	Sugiyama et al., "Defective adenoassociated viral-mediated transfection of insulin gene by direct injection into liver parenchyma decreases blood glucose of diabetic mice," <u>Horm. Metab. Res.</u> , 29:599-603 (1997).
	Wang et al., "An encapsulation system for the immunoisolation of pancreatic islets," <u>Nature Biotech.</u> , 15:358-362 (1997).
	Yanagita et al., "Processing of mutated proinsulin with tetrabasic cleavage sites to bioactive insulin in the non-endocrine cell line, COS- 7," <u>FEBS Letters</u> , 311:55-59 (1992).
	Zhou et al., "In vitro and in vivo evaluation of insulin-producing β TC6- F7 cells in microcapsules," <u>Am. J. Physiol.</u> , 274 (Cell Physiol. 43):C1356-C1362 (1998).

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Form PTO 1449	US Department of Commerce Patent and Trademark Office	PROPERTY DOCKET NO: P-UW 3570	SERIAL NO. 09/323,738
		APPLICANT: Osborne and Ramesh	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: June 1, 1999	GROUP: 1646 1644

<i>R</i>	McClain et al., "Glucose and glucosamine regulate growth factor gene expression in vascular smooth muscle cells," <u>Proc. Natl. Acad. Sci. USA</u> , 89:8150-8154 (1992).
	McKnight et al., "Molecular cloning, cDNA sequence, and bacterial expression of human glutamine: Fructose-6-phosphate amidotransferase," <u>J. Biol. Chem.</u> , 267:25208-25212 (1992).
	Newgard, Christopher, "Cellular engineering and gene therapy strategies for insulin replacement in diabetes," <u>Diabetes</u> , 43:341-350 (1994).
	Odagiri et al., "Function of the human insulin promoter in primary cultured islet cells," <u>J. Biol. Chem.</u> , 271:1909-1915 (1996).
	Osborne and Miller, "Design of vectors for efficient expression of human purine nucleoside phosphorylase in skin fibroblasts from enzyme-deficient humans," <u>Proc. Natl. Acad. Sci. USA</u> , 85:6851-6855 (1988).
	Osborne et al., "Transduced vascular smooth muscle cells in a canine model of gene therapy," <u>Clinical Res.</u> 41:194A (1993).
	Osborne et al., "Gene therapy for long-term expression of erythropoietin in rats," <u>Proc. Natl. Acad. Sci. USA</u> , 92:8055-8058 (1995).
	Osborne et al., "Long-term expression of human adenosine deaminase in mice after transplantation of bone marrow infected with amphotropic retroviral vectors," <u>Human Gene Therapy</u> , 1:31-41 (1990).
	Raja et al., "Transcriptional regulation of the human transforming growth factor- α gene," <u>Mol. Endocrinol.</u> , 5:514-520 (1991).
	Ramesh et al., "High-titer bicistronic retroviral vectors employing foot-and-mouth disease virus internal ribosome entry site," <u>Nucleic Acids Res.</u> , 24:2697-2700 (1996).

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